

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet | 1 | of | 2

Complete if Known			
Application Number	10/660,228		
Filing Date	September 10, 2003		
First Named Inventor	Ganesh Balamurugan		
Art Unit	2631		
Examiner Name			
Attorney Docket Number	42P14512		

U.S. PATENT DOCUMENTS							
Document Number			Publication Date		Pages, Columns, Lines, Where		
Examiner Cite No.'		Number - Kind Code <sup>2</sup> (if known)	or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Occument	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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FOREIGN PATENT DOCUMENTS								
	Cite	Foreign Patent Document		•	Pages, Columns, Lines.	_		
	No.'	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>9</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
EF	Α	EP 0 751 653 A2	01-02-1997	Motorola, Inc.				
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Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

<sup>\*</sup>Examiner. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.



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	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
GF	В	SHIVALING S. MAHANT-SHETTI ET AL., "The Log-Log LMS Algorithm," Acoustics, Speech, and Signal Processing, 1997, pp. 2357-2360, XP010226414, IEEE Computer				
G		Los Alamitos, CA, U.S.A.				
et	С	A. CARUSONE ET AL., "Analogue Adaptive Filters: Past and Present," IEE ProcCircuits Devices Syst., February, 2000, pp. 82-90, Vol. 147, No. 1, IEE, Stenvenage, GB.				
ES	D	PROAKIS, "The LMS Algorithm," <u>Digital Communications</u> , 1995, pp. 639-642, XP-002311907, Chapter 11: Adaptive Equalization, McGraw-Hill, Singapore.				
K	Е	PCT International Search Report, International Application No. PCT/US2004/029175, dated January 17, 2005, 4 pages.				
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Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003, Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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